

Art Unit 2627  
Serial No.: 10/816,686

Reply to Office Action of: 08/09/2006  
Attorney Docket No.: A1433

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Original) An actuator for a disk drive, the actuator comprising:
  - an actuator body including:
    - a main body section defining a horizontal plane orthogonal to an axis of rotation;
    - an actuator arm extending from the main body section;
    - two parallel support extensions extending from the main body section opposite the actuator arm, the support extensions cooperatively forming a channel between the support extensions; and
    - a coil support tab disposed adjacent the support extensions and extending orthogonal to the horizontal plane; and
    - a vertical coil defining a coil plane disposed orthogonal to the horizontal plane, the coil being disposed in mechanical communication with the support extensions and the coil support tab for supporting the coil within the channel.
2. (Original) The actuator of Claim 1 wherein the actuator body is formed of a single integrated piece of material.
3. (Original) The actuator of Claim 1 wherein the coil support tab is integrally formed with the main body section.

Art Unit 2627  
Serial No.: 10/816,686

Reply to Office Action of: 08/09/2006  
Attorney Docket No.: A1433

4. (Original) The actuator of Claim 1 wherein the actuator body is formed of a stamped material.
5. (Original) The actuator of Claim 1 wherein the actuator body is formed of a sheet metal material.
6. (Original) The actuator of Claim 1 wherein the coil support tab extends from the main body section.
7. (Original) The actuator of Claim 1 wherein the coil support tab is disposed between the support extensions.
8. (Original) The actuator of Claim 1 wherein the coil support tab is bent from a position between the support extensions within the horizontal plane.
9. (Original) The actuator of Claim 1 wherein the coil includes a pair of opposing primary legs and pair of opposing secondary legs respectively disposed between the primary legs, a respective one of the primary legs is disposed in mechanical communication with the support extensions within the channel, a respective one of the secondary legs is disposed in mechanical communication with the coil support tab.
10. (Original) The actuator of Claim 9 wherein the respective one of the secondary legs includes a radially exterior surface disposed in mechanical communication with coil support tab.
11. (Original) The actuator of Claim 8 wherein the primary legs are longer than the secondary legs.
12. (Original) The actuator of Claim 1 wherein the coil is attached to the coil support tab.

Art Unit 2627  
Serial No.: 10/816,686

Reply to Office Action of: 08/09/2006  
Attorney Docket No.: A1433

13. (Original) The actuator of Claim 12 wherein the coil is attached to the coil support tab with an adhesive.
14. (Original) The actuator of Claim 1 wherein the coil is attached to the support extensions.
15. (Original) The actuator of Claim 14 wherein the coil is attached to the support extensions with an adhesive.
16. (Original) The actuator of Claim 1 wherein the support extensions extend from the main body section along the horizontal plane.
17. (Original) A disk drive comprising:
- a disk drive base; and
  - an actuator rotatably coupled to the disk drive base, the actuator including:
    - an actuator body formed of an integrated stamped material, the actuator body including:
      - a main body section defining a horizontal plane orthogonal to an axis of rotation;
      - an actuator arm extending from the main body section;
      - two parallel support extensions extending from the main body section opposite the actuator arm, the support extensions cooperatively forming a channel between the support extensions;
      - and
      - a coil support tab disposed adjacent the support extensions and extending orthogonal to the horizontal plane; and

Art Unit 2627  
Serial No.: 10/816,686

Reply to Office Action of: 08/09/2006  
Attorney Docket No.: A1433

a vertical coil defining a coil plane disposed orthogonal to the horizontal plane, the coil being disposed in mechanical communication with the support extensions and the coil support tab for supporting the coil within the channel.

18 - 22. (Withdrawn)